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0.21	0.21

FULL ESTIMATED COST

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=> set plurals on perm  
SET COMMAND COMPLETED

=> set abbr on perm  
SET COMMAND COMPLETED

=> s garlic extract  
L1 3115 GARLIC EXTRACT

=> s propylene glycol or 1,2-dihydroxy propane or methylene glycol or methyl glycol  
or 1,2-propanediol  
L2 76234 PROPYLENE GLYCOL OR 1,2-DIHYDROXY PROPANE OR METHYLENE GLYCOL  
OR METHYL GLYCOL OR 1,2-PROPANEDIOL

=> s garlic or allium sativum  
L3 19703 GARLIC OR ALLIUM SATIVUM

=> cinnamon oil  
CINNAMON IS NOT A RECOGNIZED COMMAND  
The previous command name entered was not recognized by the system.  
For a list of commands available to you in the current file, enter  
"HELP COMMANDS" at an arrow prompt (=>).

=> s cinnamon oil  
L4 528 CINNAMON OIL

=> s l2 and l3 and l4  
L5 1 L2 AND L3 AND L4

=> d all

L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2005:824444 CAPLUS  
DN 143:216710  
ED Entered STN: 19 Aug 2005  
TI Anti-dermatophytic preparation based on synergistic action of  
garlic extract and essential oil of M. spicata or cinnamon  
oil  
IN Khanuja, Suman Preet Singh; Chaturvedi, Pushplata; Singh, Anil Kumar;  
Shasany, Ajit Kumar; Agarwal, Vinay Kumar; Gupta, Vivek Kumar; Gupta,  
Subhash Chandra; Tripathy, Arun Kumar; Pal, Anirban; Saikia, Dharmendra;  
Darokar, Mahendra Pandurang; Aggarwal, Krishna Kumar; Bansal, Ravi Prakash

PA Council of Scientific and Industrial Research, India  
 SO U.S. Pat. Appl. Publ., 11 pp., Cont. Ser. No. US 2003-435617, filed on 9 May 2003  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 IC ICM A61K035-78  
 INCL 424739000; 424747000; 424754000; 514546000; 514729000  
 CC 63-6 (Pharmaceuticals)  
 Section cross-reference(s): 1, 10, 62

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005181081	A1	20050818	US 2004-761804	20040121
PRAI	US 2003-435617	A1	20030509		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
US 2005181081	ICM	A61K035-78
	INCL	424739000; 424747000; 424754000; 514546000; 514729000
	IPCI	A61K0035-78 [ICM,7]
	NCL	424/739.000; 424/747.000; 424/754.000; 514/546.000; 514/729.000
	ECLA	A61K035/78

AB The present invention provides an improved preparation based on the synergistic action of garlic extract and essential oil of *M. spicata* var. Ganga or cinnamon oil against dermatophytic fungus. More particularly, the present invention relates to the synergistic enhancement of activity of a combination by menthyl acetate or geraniol. The invention also provides a method of preparation of the synergistic combination and the shelf life observed to be more than one year. The cream based preparation

is a potent anti-dermatophytic as described and illustrated by in vitro and in vivo evaluations.

ST antifungal compn dermatophyte garlic ext spearmint  
cinnamon oil

IT Allium sativum

Candida  
 Combination chemotherapy  
 Epidermophyton  
 Fungicides  
 Mentha spicata  
 Microsporum  
 Skin-infecting fungi  
 Trichophyton

(antidermatophytic preparation based on synergistic action of garlic extract and essential oil of *M. spicata* or cinnamon oil)

IT Essential oils

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(cinnamon; antidermatophytic preparation based on synergistic action of garlic extract and essential oil of *M. spicata* or cinnamon oil)

IT Essential oils

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(spearmint; antidermatophytic preparation based on synergistic action of garlic extract and essential oil of *M. spicata* or cinnamon oil)

- IT Drug interactions  
(synergistic; antidermatophytic preparation based on synergistic action of garlic extract and essential oil of M. spicata or cinnamon oil)
- IT Drug delivery systems  
(topical; antidermatophytic preparation based on synergistic action of garlic extract and essential oil of M. spicata or cinnamon oil)
- IT 57-55-6, Propylene glycol, biological studies  
89-48-5, Menthyl acetate 112-92-5, Stearyl alcohol 36653-82-4, Cetyl alcohol  
RL: MOA (Modifier or additive use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(antidermatophytic preparation based on synergistic action of garlic extract and essential oil of M. spicata or cinnamon oil)
- IT 106-24-1, Geraniol  
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(antidermatophytic preparation based on synergistic action of garlic extract and essential oil of M. spicata or cinnamon oil)